

--63. A composite for a liner used in an apparel according to claim 62, wherein the open cell foam is hydrophilic and breathable.

--64. A composite for a liner used in an apparel according to claim 63, wherein moisture is transferred in order through the inner moisture transfer material, the open cell foam material, the thermal insulation and the outer moisture transfer material.

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--65. A composite for a liner used in an apparel comprising:

- an inner moisture transfer material;
- an open cell foam material;
- a nonwoven material;
- a thermal insulating layer; and
- an outer moisture transfer material treated by encapsulation for waterproofing.

--66. A composite for a liner used in an apparel according to claim 65, wherein the open cell foam is hydrophilic and breathable.

--67. A composite for a liner used in an apparel according to claim 66, wherein moisture is transferred in order through the inner moisture transfer material, the open cell foam material, the nonwoven material the thermal insulation and the outer moisture transfer material.

--68. A composite for a liner used in an apparel according to claim 62, further comprising a breathable membrane.

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--69. A composite for a liner used in an apparel according to claim 65, further comprising a breathable membrane.

--70. A composite for a liner used in an apparel according to claim 68, wherein the outer moisture transfer material comprises at least one of a synthetic blend and natural fibers.

--71. A composite for a liner used in an apparel according to claim 69, wherein the outer moisture transfer

material comprises at least one of a synthetic blend and natural fibers.

--72. A composite for a liner used in an apparel comprising:

an inner moisture transfer material;

an open cell foam material;

a nonwoven material;

a thermal insulating layer; and

an outer moisture transfer material waterproofed by a waterproof film.

--73. A composite for a liner used in an apparel according to claim 72, wherein the open cell foam is hydrophilic and breathable.

--74. A composite for a liner used in an apparel according to claim 73, wherein moisture is transferred in order through the inner moisture transfer material, the open cell foam material, the nonwoven material, the thermal insulation and the outer moisture transfer material.

--75. A composite for a liner used in an apparel according to claim 72, further comprising a breathable membrane.

--76. A composite for a liner used in an apparel according to claim 75, wherein the outer moisture transfer material comprises at least one of a synthetic blend and natural fibers.

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--77. A composite for a liner used in an apparel according to claim 65, wherein the open cell foam material and the nonwoven material are first combined into a cellular elastomeric composite and then combined into the composite.

--78. A composite for a liner used in an apparel according to claim 72, wherein the open cell foam material and the nonwoven material are first combined into a cellular elastomeric composite and then combined into the composite.

--79. A composite for a liner used in an apparel according to claim 62, wherein at least one material of the composite is treated to have reversible enhanced thermal properties.

--80. A composite for a liner used in an apparel according to claim 64, wherein at least one material of the composite is treated to have reversible enhanced thermal properties.

--81. A composite for a liner used in an apparel according to claim 65, wherein at least one material of the composite is treated to have reversible enhanced thermal properties.

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--82. A composite for a liner used in an apparel according to claim 67, wherein at least one material of the composite is treated to have reversible enhanced thermal properties.

--83. A composite for a liner used in an apparel according to claim 72, wherein at least one material of the composite is treated to have reversible enhanced thermal properties.

--84. A composite for a liner used in an apparel according to claim 74, wherein at least one material of the

composite is treated to have reversible enhanced thermal properties.

--85. A composite for a liner used in an apparel according to claim 65, wherein the nonwoven material includes at least one element selected from the group consisting wood pulp, cotton, rayon, polypropylene and lycra.

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CONT.
--86. A composite for a liner used in an apparel according to claim 67, wherein the nonwoven material includes at least one element selected from the group consisting wood pulp, cotton, rayon, polypropylene and lycra.

--87. A composite for a liner used in an apparel according to claim 72, wherein the nonwoven material includes at least one element selected from the group consisting wood pulp, cotton, rayon, polypropylene and lycra.

--88. A composite for a liner used in an apparel according to claim 74, wherein the nonwoven material includes at least one element selected from the group consisting wood pulp, cotton, rayon, polypropylene and lycra. }-